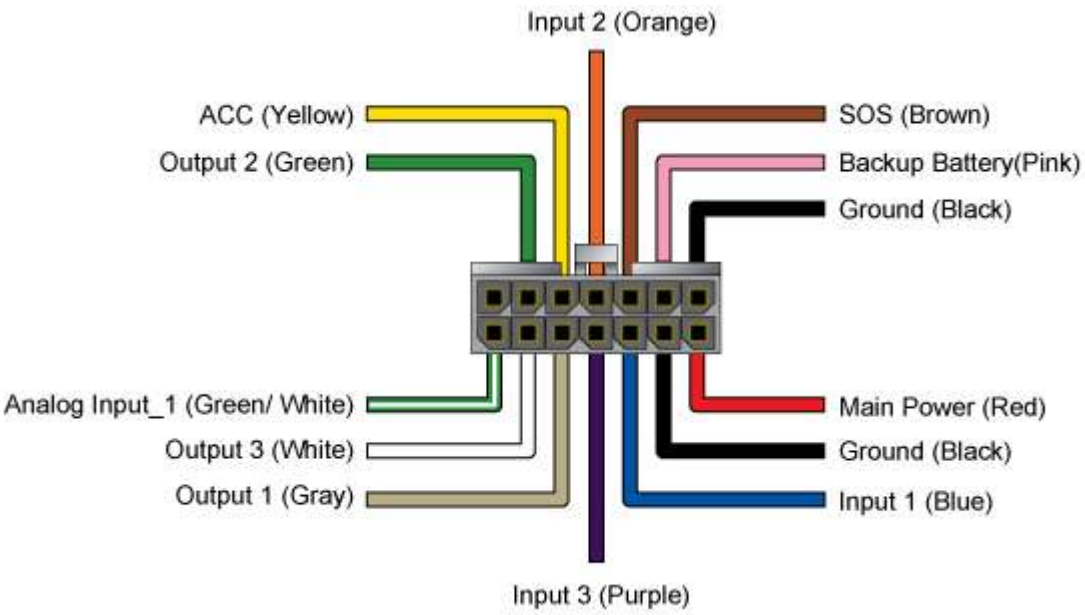
TR-606B Installation Guide

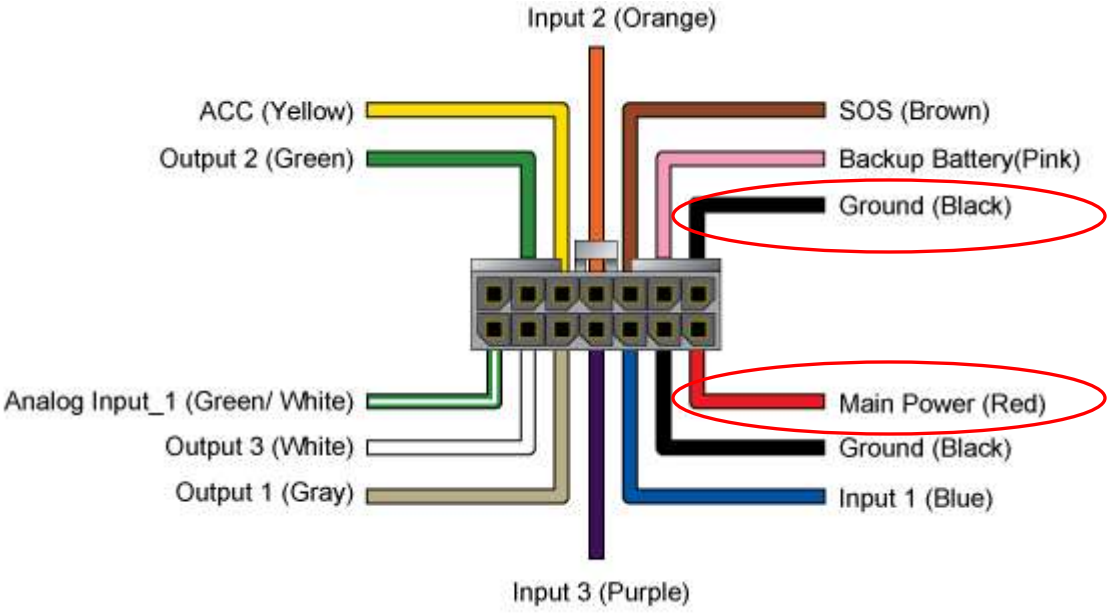
Cable description



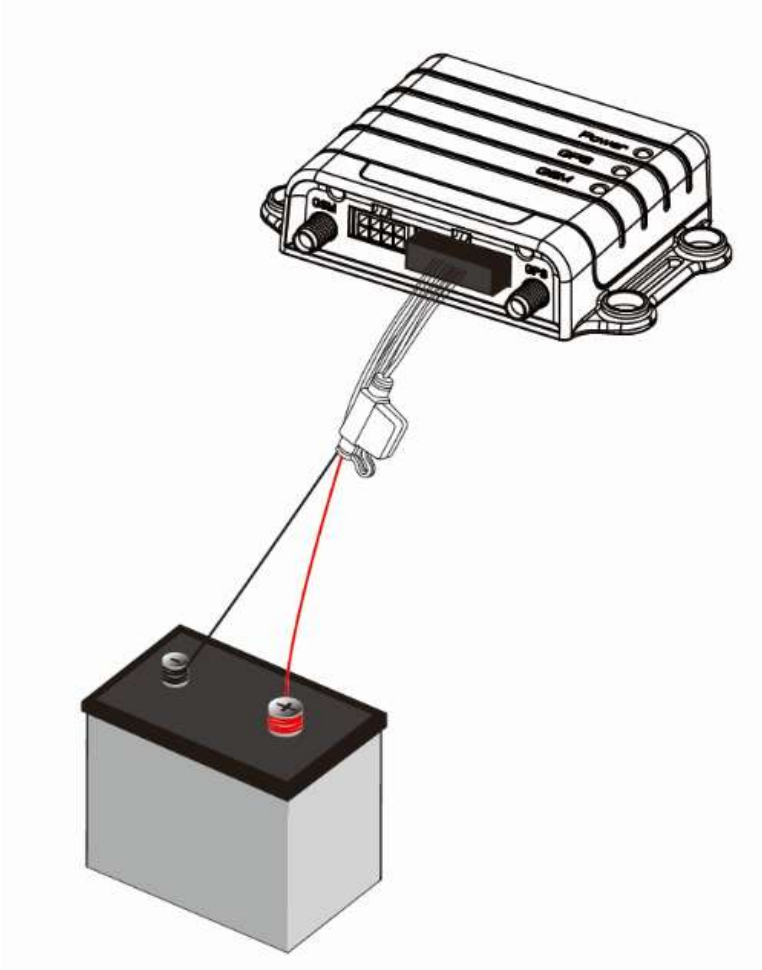
14 Pin I/O Cable

Wire Color	Description
Green/ White	**Analog Input_1**
White	**Digital Output 3** (Negative Trigger)
Gray	**Digital Output 1** (Negative Trigger)
Purple	**Digital Input 3** (Positive Trigger)
Blue	**Digital Input 1** (Negative Trigger)
Black	**Ground**
Red	**Main Power**
Green	**Digital Output 2** (Negative Trigger)
Yellow	**ACC** (Positive Trigger)
Orange	**Digital Input 2** (Negative Trigger)
Brown	**SOS** (Negative Trigger)
Pink	**12V/24V Backup Battery**
Black	**Ground**

Connecting the Main Power

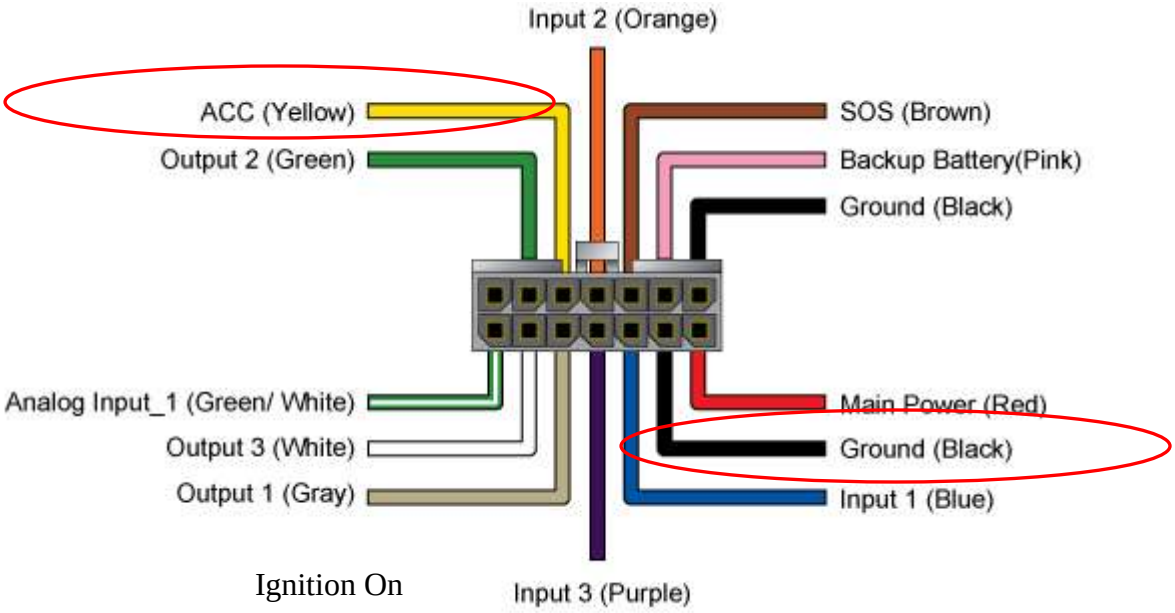


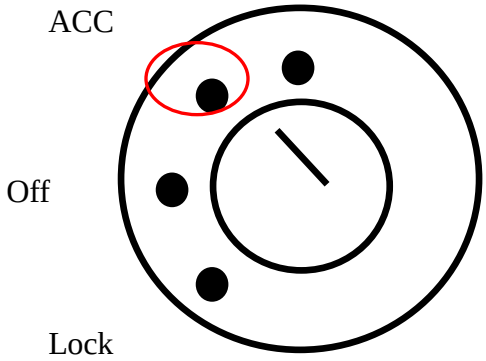
Connect the red wire from the cable to a power source of 10~36 V. Connect the black wire to ground.



Note: Please make sure the external power is well connected to TR-606B.

Connecting ignition detection line on car/asset

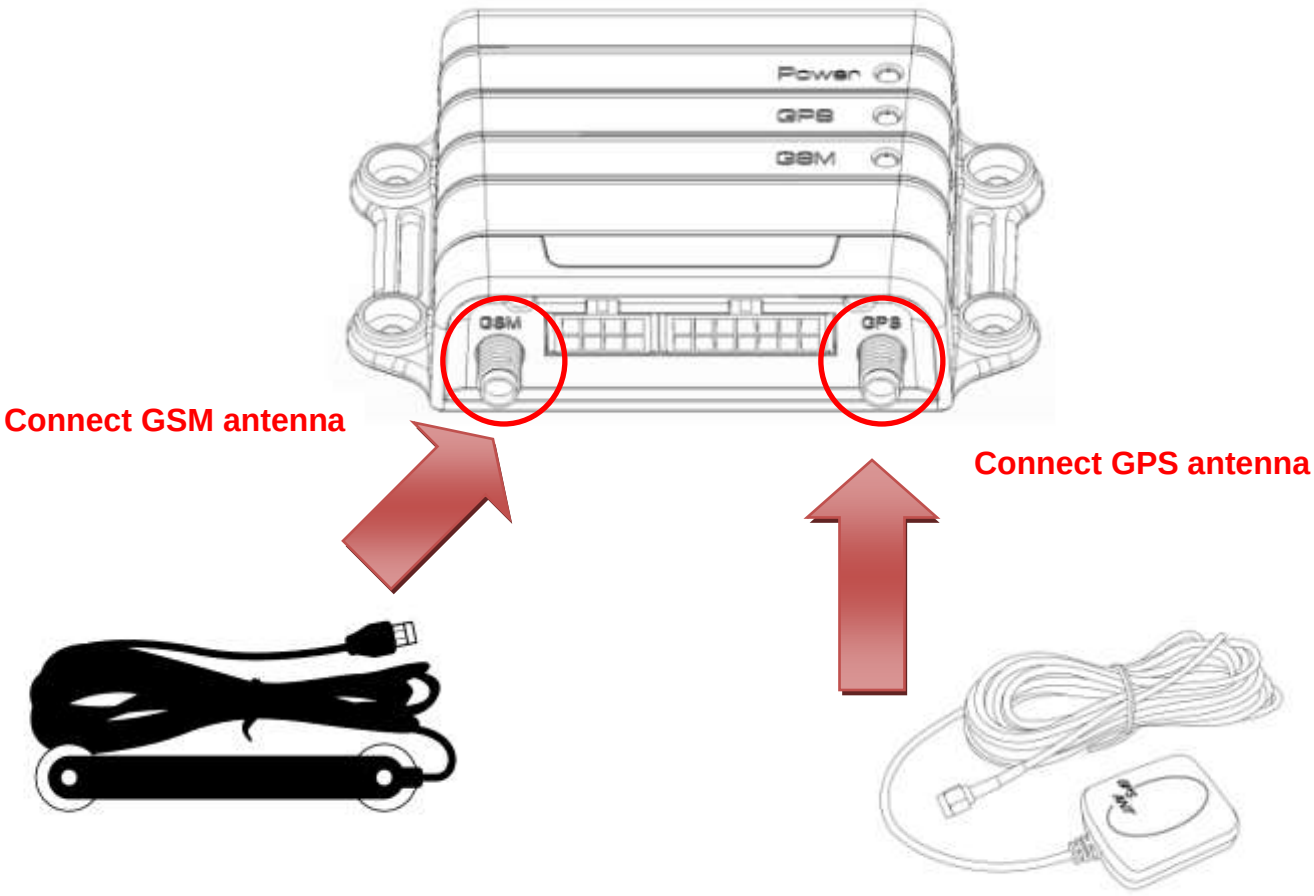




Connect the yellow wire from the cable to ACC/Ignition (12V) position of vehicle/asset. Connect the black wire to ground.

Connecting the GSM & GPS Antennas:

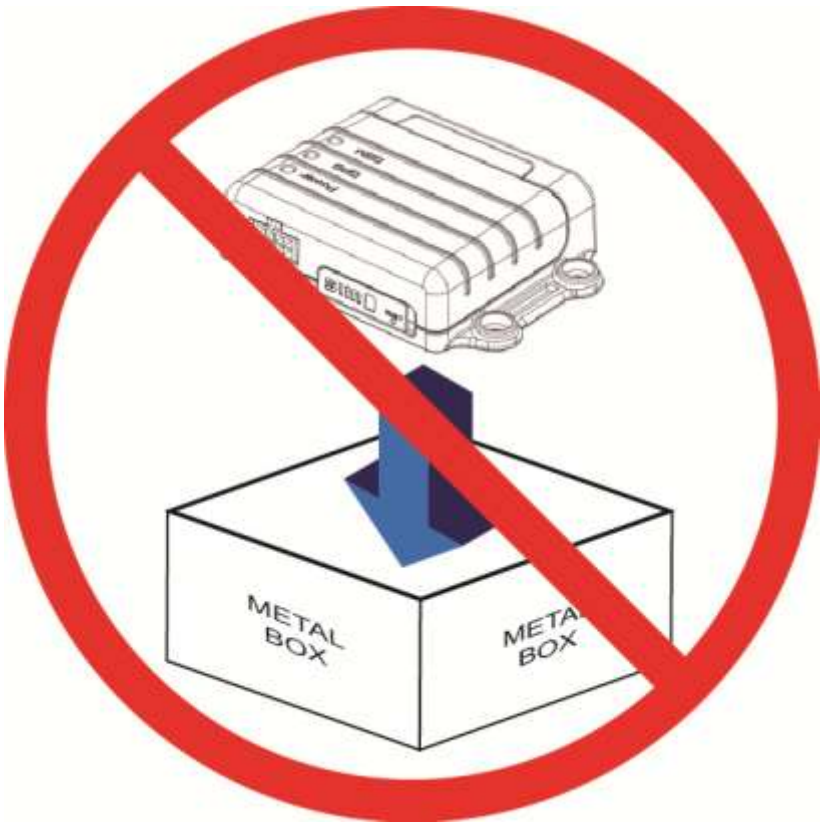
The TR-606 does not have any internal GPS or GSM antennas, so the external antennas for GPS and GSM must be connected in order for the TR-606 to work.



Installation Notice of TR-606:

Notice:

The GPS signal and GSM signal would be significantly reduced or fully blocked by the metal shielding material. In order to have the device work properly, please avoid installing in metal shielding environments. E.g. sealed metal box.



Notice:

GPS device must be placed under open sky condition to achieve the best performance. Indoor installation will severely degrade the signal and result in location fixing failure.

Notice:

Please use TR-606B in the area with stable GPRS/UMTS coverage area.

Recommended Installation Position:

In order to advance the sensitivity of motion sensor, please install the TR-600 Device horizontally.

Vertically install of the device would decrease the sensitivity of motion sensor and might fail to trigger the motion reports.